

LEGEND:

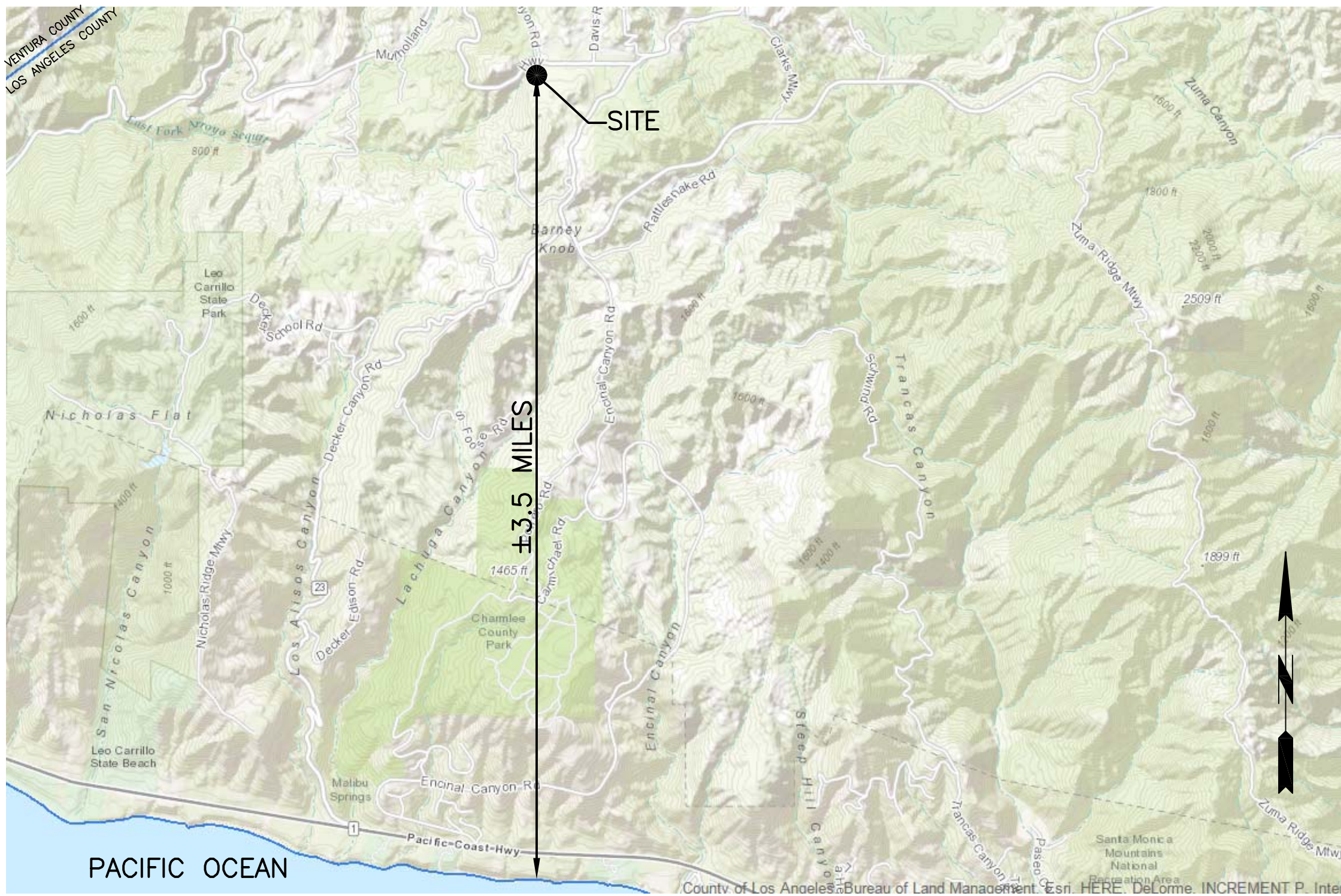
- PERMEABLE PAVER DRIVEWAY (17,275 SF)
- BUILDING ROOF AREA (6,971 SF)
- VEGETATED AREA (30,928 SF)
- DECOMPOSED GRANITE/GRAVEL WALKWAYS (2,247 SF)
- SWIMMING POOL (547 SF)
- LIMITS OF WORK

Required Storm Storage Per Unit			
	AREA	Req. Volume (ft³)	Req. Volume (gal)
BLDG 1	744	99	743
BLDG 2	1278	171	1,277
BLDG 3	370	49	370
BLDG 4	744	99	743
BLDG 5	370	49	370
BLDG 6	370	49	370
BLDG 7	370	49	370
BLDG 8	372	50	372
RESIDENCE	2353	314	2,351
Total	6971	931	6964

FOR THE PURPOSES OF CALCULATING REQUIRED STORAGE VOLUME TO SATISFY LOS ANGELES COUNTY POST CONSTRUCTION RUNOFF PLAN REQUIREMENTS:

- ROOF AREAS WERE CONSIDERED TO BE IMPERVIOUS
- THE PERMEABLE PAVER DRIVEWAY, THE DECOMPOSED GRANITE/GRAVEL WALKWAYS, AND LANDSCAPE AREAS WERE CONSIDERED TO BE PERVIOUS.

A CISTERN WILL BE BUILT UNDERNEATH EACH BUILDING, AND THE CISTERNS WILL BE SIZED TO CAPTURE A PRORATED AMOUNT OF THE REQUIRED VOLUME, CALCULATED USING HYDROCALC 0.3.1 (SEE LEFT), BASED ON THE ROOF AREA THAT EACH CISTERN WILL BE COLLECTING FROM. THE STORM WATER WILL THEN BE REUSED FOR IRRIGATION PURPOSES. MINIMUM REQUIRED VOLUME FOR EACH BUILDING CAN BE SEEN IN THE TABLE TO THE LEFT.



VICINITY MAP
NOT TO SCALE

FORMA ENGINEERING INC.

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PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM MICHAEL WHITE
CIVIL
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STATE OF CALIFORNIA

WILLIAM M. WHITE, P.E. R.C.E. 62111 DATE

PROJECT

33528 MULLHOLLAND HWY
MALIBU, CA 90265

SHEET TITLE

POST-
CONSTRUCTION
RUNOFF PLAN

ISSUE

PHASE

County Submittal
Package

SCALE AS SHOWN

ORIGIN DATE

PLOT DATE 02/26/2016

DRAWN BY: CK

CHECKED BY: MW

SHEET

2 of 2

EC-2